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Acceptance of Gulf Nuclear 71-2A sources

If you are a radioactive material licensee in possession of one or more Gulf Nuclear Model 71-2A 20 Curie Americium 241 Beryllium neutron source, Gammatron can offer you two possible options for their final disposition.

Option 1

Gammatron can purchase these sources from your company if you no longer have a useful need for them. Gammatron can offer \$5,000.00 per 20 Curie source after receipt at Gammatron's facility and inspection of the source. You will need to provide all following documentation prior to shipment of any sources to Gammatron:

- 1) A copy of your Radioactive Material License
- 2) A photo of the source to be shipped
- 3) A current leak test
- 4) Transport container 7A certification

Option 2

Gammatron can re-manufacture your 20 Curie 71-2A source into a Gammatron model AN-HP 15-16 Curie source. The activity of this new AN-HP will be less than the "Quantity of Concern" that requires additional security measures and National Source Tracking notifications that are required by NRC regulations. Based on our previous history of re-manufacturing these sources, we normally achieve approximately 85 % of the original neutron output or better.

If the licensee would rather have 5 Curie sources, Gammatron can take the 20 Curie 71-2A and make four 5 Curie AN-HP ¾" x 2" source capsules.

The cost for re-manufacturing is \$20,800 for a 15-16 Curie source and \$13,000 for each 5 Curie source. No credit will be given for any leftover activity from the original source.

Payment for re-manufacturing will be made prior to receipt of the licensee's 71-2A source(s) at Gammatron's facility.

The following documentation will need to be provided prior to any shipment of sources to Gammatron for re-manufacture:

- 1) A copy of your Radioactive Material license showing you are authorize for Gammatron's Model AN-HP.
- 2) A photo of the source(s) to be re-manufactured.
- 3) A current leak test certificate.
- 4) Transport container 7A certificate.